



()

PCR

*

**

PCR

: _____
.

: _____

PCR

SrRNA

IgM

PCR

(/)

(/)

: _____

IgM

PCR

()

PCR

: _____

SrRNA

PCR

: _____

// :

// :

*

IgM

/ /

() B

PCR

SrRNA

. () SrRNA

SrRNA PCR

/ ± /

PCR

DNA

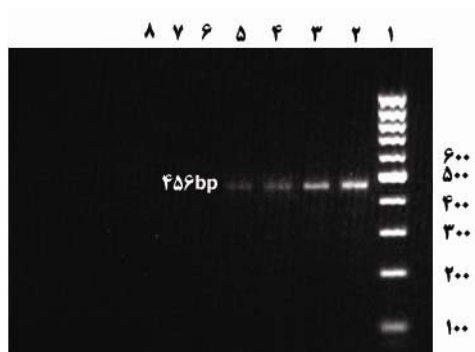
PCR

DNA ()
DNA

³ DNA Gyrase subunit B encoding gene

: .()
 PH / EDTA] L6-lysis buffer
 TritonX- (fluka) GUSCN
 () [(merck)
 Tris-Hcl GUSCN) L2-wash buffer
 PCR Techne-TC (/ PH /
 PCR mixture () k
 (Genekam) DNA DNA DNA PCR
PCR
 PCR
 TBE **DNA**
 bp DNA
 (Genekam)
 PCR
 PCR
) DNA (Oligo5)
 PCR (SrRNA
 bp
 DNA :
 L16SF:5'-CACCAAGGCGACGATCGGTAGC-3'
 L16SR:5'-CAAGTCGCCTTCGCCACTGGTG-3'
 / PCR
 PCR DNA Taq DNA
 DNA dNTP MgCl
 DNA PCRbuffer10X
 IgM PCR
 SERION-ELISA Classic Leptospira

.()



شکل ۱: الکتروفورز محصول PCR، (۱) مارکر 100bp (۲) ۱ ng (۳) ۱۰۰ pg (۴) ۱۰ pg (۵) ۱ pg (۶) ۱۰۰ fg (۷) ۱۰ fg (۸) بدون DNA

PCR

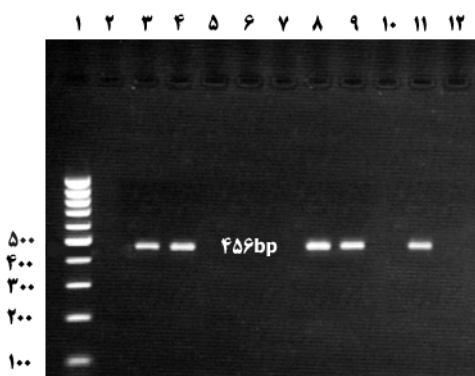
PCR

(/)

.()

DNA

bp



شکل ۲: الکتروفورز محصول PCR نمونه‌های سرمی (۱) مارکر ۱۰۰bp (۲) شاهد منفی (۳) شاهد مثبت (۴.۸.۹.۱۱) نمونه‌های سرمی مثبت لپتوسپیرو (۵.۶.۷.۱۰) نمونه‌های سرمی منفی لپتوسپیرو.

IgM

Institut Virion / Serion GmbH

L. Pomona : Leptospira interrogans
L. copenhagenil L. icterohaemorrhagiae
L. grippotyphosa L. Bratislava L. canicola
L. bataviae L. sejroe L. hebdomadis
L. hardjo L. tarassovi

IgM

(SERION Rheumatoid)

Factor Absorbent Z

IgM

(> U/ml)

bp

-

SrRNA

(NCBI)

(Generunner)

bp

PCR

DNA

/

PCR

PCR

IgM

()

.()

IgM

PCR

:

PCR		
		IgM
(/)	(/)	(/)*
(/)	(/)	(/)
()	(/)	(/)

*اعداد به صورت (درصد) تعداد می باشند.

PCR

: / ± / PCR

: / ± /

PCR

MAT

()

PCR (/)

PCR

PCR

(/) (/)

CSF

PCR

.()

/

/

MAT

PCR

.()

—

.()

PCR

PCR

PCR

.()

SrRNA

S

LipL

bp

real-time

•

PCR

(Merien)

.()

SrRNA

bp

DNA

.()

•

$$\mathbf{G}_2 \quad \mathbf{G}_1$$

PCR

(L.Kirschneri)

/ /

Light cyclers Taqman

PCR (real-time)

.()

.()

PCR

.()

DNA

PCR

•

.()

SrRNA

B

DNA

PCR

/

.()

PCR

.()

PCR

.()[†]SSCP

.()

(/)

.()

.()

.()

IgM

IgM

(Dengue)

/

.()

.()

⁴ Single-Strand Conformation Polymorphism Analysis

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